BULLETIN ON NARCOTICS

Volume XV, 1963

INDEX

ABREVIATIONS

APD	*stands for*	Expert Committee on Addiction-producing Drugs
COUNCIL	*stands for*	Economic and Social Council
DSB	*stands for*	Drug Supervisory Body
ICPO	*stands for*	International Criminal Police Organization
PCOB	*stands for*	Permanent Central Opium Board
WHO	*stands for*	World Health Organization

NOTE

References in italics indicate the beginning and the end of the article cited, when it deals in its entirety with the subject under which it is placed.

A

Abstinence, *see* Withdrawal

Acetylcodine
Analysis of heroin, No. 1, p. 41

Acetyldihydrocodeine
Estimated world requirements, No. 1, p. 51

Adams, R.
Description of a subject using cannabis, No. 1, p. 16

Addiction, Addicts
Narcotic addiction in physicians; medical and legal aspects of rehabilitation, No. 1, p. *11-13*
Medicine and law in the treatment of drug addiction, No. 3-4, p. *9-16*
Public health laboratory in the fight against narcotic addiction in Iran, No. 2, p. *27-34*
Bibliography, No. 3-4, p. 45, 46, 47, 48, 49, *65-67*
Commission on Narcotic Drugs (18th session), No. 3-4, p. 41
Criminality, No. 1, p. 11, 12
— Macau, No. 1, p. 2, 5
— Cannabis, No. 1, p. 19
Dangerous drugs, No. 1, p. 11, 12, No. 3-4, p. 7
Definition, No. 1, p. 17
Delinquency
— Cannabis users, No. 1, p. 18
Latin America, No. 2, p. 47, 48, 51
Limitation and control of raw materials, No. 2, p. 13
Medical aspects, No. 3-4, p. 1, 2, 3, 4, 5
Opium in Thailand, No. 2, p. 35, 41
United States
— Adolescents, No. 3-4, p. 10
— Ethnic minorities, No. 1, p. 11, No. 3-4, p. 10

Addiction liability
Addiction liability of I-C-26 (Dextro-3-Dimethylamino-1,1-diphenylbutyl ethyl sulfone hydrochloride) and I-D-20 (Ethyl 1-(2-Carbamethyl)-4-phenylpiperidine-4-carboxylate hydrochloride), No. 1, p. *25-28*
Cannabis, No. 2, p. 51
Heroin, No. 1, p. 37, No. 3-4, p. 1, 2, 3
Morphine, No. 3-4, p. 1
Pethidine-intermediate-C, No. 2, p. 55

Afghanistan
Opium, No. 2, p. 33

Africa
Cannabis
— Dagga consumption in East and South regions, No. 1, p. 19
— Religious aspect, No. 1, p. 20

Afro-Brazilian societies
Control of cannabis habit, No. 1, p. 20

Akha
Hill population in Thailand, No. 2, p. 37, 38, 39

Alcohol
Compared to cannabis, No. 1, p. 21
Withdrawal symptoms, No. 3-4, p. 9

Alkaline
Chemical identification of phenomorphan, levallorphan and phenazocine, No. 3-4, p. 28
Test for detection of morphine, No. 2, p. 28

Allentuck, S. & Bowman, K. M.
Consideration on marihuana habituation, No. 1, p. 17
Marihuana psychosis, No. 1, p. 18

Alphaprodine, *see also* Synthetic drugs
Estimated world requirements, No. 1, p. 51

American Medical Association
Legal and medical aspects of drug addiction, No. 3-4, p. 11

Amphetamines
Considered as dangerous drugs, No. 1, p. 13

Analgesics
Heroin, No. 3-4, p. 1
I-C-26, No. 1, p. 25

Analysis, *see also* Hashish and Heroin
Opium, No. 3-4, p. 41

Andrade, de, O.
Effects of cannabis, No. 2, p. 51

Anileridine, *see also* Synthetic drugs
Estimated world requirements, No. 1, p. 51

Anslinger, H. J. (Commissioner of Narcotics)
Herbert L. May, No. 2, p. *1-7* (ill.)
Co-operation to heroin analysis, No. 1, p. 42
Single Convention, No. 2, p. 9

Antitussives
Heroin, No. 3-4, p. 1, 4
I-C-26 and I-D-20, No. 1, p. 25

Apparatus, Equipment
A. Fisher Johns microfusion apparatus, No. 3-4, p. 19
Philips Debye-Scherrer powder cameras, No. 3-4, p. 19

Argentina
Coca leaf, No. 2, p. 25, 49
Dextromoramide
— PCOB Report (1962), No. 1, p. 48
Inter-American Consultative Group meeting, No. 2, p. 47, 49

Asahina, H.
Research on fungi species, No. 1, p. 35, 36

Aspergillus
Fungi species, No. 1, p. 35
— *Aspergillus niger* van Tieghem, No. 1, p. 36
— *Aspergillus vesicolor* (vuill.) Tiraboschi, No. 1, p. 36
— *Aspergillus wentii* Wehmer, No. 1, p. 36

Aspirin, No. 1, p. 12

Aubin, J.
Cannabis psychosis, No. 1, p. 19

Aucar Ris, M.
Cuban representative at Inter-American Consultative Group meeting, No. 2, p. 49

Avalos, Carlos
Vice-Chairman of the Inter-American Consultative Group Meeting, No. 2, p. 47

Avila, Roque
Paraguayan representative at Inter-American Consultative Group meeting, No. 2, p. 50

B

Banerji, D. N.
Vice-Chairman of the Commission on Narcotic Drugs (18th session), No. 3-4, p. 39

Barbiturates
Considered as dangerous drugs, No. 1, p. 12, 13
Injected or smoked mixed with heroin in Macau, No. 1, p. 2
Inter-American Consultative Group meeting, No. 2, p. 52
Used for analysis of heroin, No. 1, p. 41
Withdrawal symptoms, No. 3-4, p. 9

Barnes, W. H.
Chemical identification of narcotics, No. 3-4, p. 38

Barnes, W. H. & Sheppard, H.
Chemical identification of narcotics, No. 3-4, p. 38

Barona Lobato, Juan
Mexican representative at Inter-American Consultative Group meeting, No. 2, p. 50

Becker, H. S.
Personality traits of cannabis users, No. 1, p. 19

Belgium
Heroin
— Export, No. 3-4, p. 3
PCOB Report (1962), No. 1, p. 47, 48

Bellamy, L. J.
Chemical study on 12 narcotics, No. 3-4, p. 37

Benabud, A.
Cannabis addiction — considerations, No. 1, p. 17
Cannabis psychosis, No. 1, p. 19, 20, 21

Benzethidine
Estimated world requirements, No. 1, p. 51

Benzoate
Preparation of pure 3-monoacetylmorphine, No. 1, p. 40

Benzoyl morphine
International control, No. 2, p. 4

Benzylmorphine
Estimated world requirements, No. 1, p. 51

Bernades, Carlos Alfredo
General Secretary of the Brazilian Ministry of Foreign Affairs in 1961, No. 2, p. 47

Betaprodine
Estimated world requirements, No. 1, p. 51

Bhang, *see Cannabis sativa*

Boletin Oficial of Macau
Publication of Executive Order creating the Centro de Combate a Toxicomania, Macau, No. 1, p. 3

Bolivia
Coca leaf and Cocaine
— Commission on Narcotic Drugs (18th session), No. 3-4, p. 42
— Cultivation and manufacture, No. 2, p. 49
— PCOB Report (1962), No. 1, p. 46
— Single Convention, No. 2, p. 25
Inter-American Consultative Group meeting, No. 2, p. 47, 49, 51, 52

Bouquet, J. R.
Considerations on cannabis effects, No. 1, p. 16

Bourgois, G.
French representative on Opium Advisory Committee and Commission on Narcotic Drugs, No. 2, p. 4, 18

Bradford, L. W. & Brackett, J. W.
Identification of dangerous drugs, No. 2, p. 31

Brahmins
Cannabis users, No. 1, p. 19, 20, 21

Brazil
Cannabis, No. 1, p. 20, No. 2, p. 50, 51
Coca leaf, No. 2, p. 25
Inter-American Consultative Group meeting, No. 2, p. 47, 50, 51
Rio de Janeiro meeting, No. 2, p. 47

Bromberg, W.
Considerations on cannabis psychosis, No. 1, p. 18, 19

Brossi, A. O., Häfliger, O. & Schnider, O.
Chemical tests for detection of narcotic use, No. 1, p. 30

Brouet, G.
Use of heroin in therapeutics, No. 3-4, p. 4

Bulgaria
Opium
— PCOB Report (1962), No. 1, p. 45
— 1953 Protocol, No. 2, p. 18, 24

Burma
Hill tribes, No. 2, p. 36
Kachin State
— Technical assistance project, No. 3-4, p. 40
Opium and poppy
— PCOB Report (1962), No. 1, p. 45
— Shan State, No. 1, p. 45, No. 2, p. 19
— Production, No. 2, p. 33, No. 3-4, p. 40

Butanol
Chemical tests for morphine, No. 1, p. 30

C

Caffeine
Analysis of heroin, No. 1, p. 41
Contained in different plants, No. 3-4, p. 7

California State Board of Medical Examiners
Case of one addicted member, No. 1, p. 12

Camelia thea
Plant containing caffeine. No. 3-4, p. 7

Canada
Heroin, No. 2, p. 49
Inter-American Consultative Group meeting, No. 2, p. 47, 49

Cannabis
The Cannabis Habit, No. 1, p. *15-23*
APD, No. 1, p. 16, 17, 18, 20
Bibliography, No. 3-4, p. *60*
Commission on Narcotic Drugs (18th session), No. 3-4, p. 39, 42
1925 Convention, No. 2, p. 13
Inter-American Consultative Group meeting, No. 2, p. 48, 49, 50, 51, 52
Medicinal action, No. 1, p. 21
PCOB Report (1962), No. 1, p. 46
Psychological effects, No. 1, p. 16, 17, 18
Persian name, No. 2, p. 30
Preparations listed as narcotics in Iran, No. 2, p. 31
Reactions of smoking, No. 1, p. 15 (table)
Single Convention, No. 2, p. 6, 13, 22, 23, 25, No. 3-4, p. 3, 5

Cannabis americana
Variety of *Cannabis sativa*, No. 1, p. 15

Cannabis indica
Variety of *Cannabis sativa*, No. 1, p. 15

Cannabis sativa
Cannabis, No. 1, p. 15

Cardozo, J.
Relations between medicine and law, No. 3-4, p. 9, 15

C.A.R.E.
American organization, donator in Macau, No. 1, p. 5

Carnegie Endowment Study Group for the international control of atomic energy
Herbert L. May, No. 2, p. 6

Castañeda Pastor, A.
Peruvian representative at Inter-American Consultative Group meeting, No. 2, p. 50

Centre
The Centre for treatment and rehabilitation of narcotic addicts in Macau, No. 1, p. *1-10* (ill.)
Administration of the Macau Centre, No. 1, p. 5
Direction of the Macau Centre and staff, No. 1, p. 6, 7

Centro de Combate a Toxicomania, *see* Drug Addiction Control Board

Chamberlain, J. P.
Common activities with Herbert L. May, No. 2, p. 2

Chao Phraya river, *see* Menam

Charas, *see Cannabis sativa*

Charen, S.
Considerations on cannabis effects, No. 1, p. 16, 17

Chiengmai
Province of Thailand, No. 2, p. 36, 41, 42, 43

Chile
Coca leaf, No. 2, p. 25
Inter-American Consultative Group meeting, No. 2, p. 47, 49

China
Cannabis
— Consumption of Ma jen, No. 1, p. 15
— Medical use, No. 1, p. 20
Coca leaf
— PCOB Report (1962), No. 1, p. 46
— Single Convention, No. 2, p. 25
Commission on Narcotic Drugs (18th session), No. 3-4, p. 40
Opium, No. 2, p. 33

Chloroformisopropanol
Analysis of heroin, No. 1, p. 41

Chopra, R. N. & Chopra, G. S.
Cannabis
— Effects, No. 1, p. 16, 17, 18, 21
— Neurotic analysis of cannabis users, No. 1, p. 20
— Psychosis, No. 1, p. 19

Chulalongkorn University, Bangkok
Socio-economic survey in Thailand, No. 2, p. 43

Cloutier, J. A. R.; Charles G. Farmilo; L. Martin; K. Genest &
Physico-chemical methods for the identification of narcotics (contd.) Part VI — Common physical constants, UV, IR and X-Ray data for 12 narcotics and related compounds, No. 3-4, p. *17-38*

Club des Haschichins
Baudelaire & Gautiers' description of cannabis effects, No. 1, p. 16

Coca leaf
Bibliography, No. 3-4, p. *59-60*
Commission on Narcotic Drugs (18th session), No. 3-4, p. 39, 42
1925 Convention, No. 2, p. 13
1931 Convention, No. 2, p. 4
Ecgonine alkaloids group, No. 2, p. 55
Inter-American Consultative Group meeting, No. 2, p. 47, 48, 49, 50, No. 3-4, p. 40, 42
Limitation of production, No. 2, p. 14, 15, 17
PCOB Report (1962), No. 1, p. 46
Preparations listed as narcotics in Iran, No. 2, p. 31
Single Convention, No. 2, p. 6, 13, 22, 23, 24, 25
World over-production, No. 1, p. 12

Cocaine
Bibliography, No. 3-4, p. *59-60*
Commission on Narcotic Drugs (18th session), No. 3-4, p. 41, 42
Estimated world requirements, No. 1, p. 51
Inter-American Consultative Group meeting, No. 2, p. 47, 48, 49, 50, 51
PCOB Report (1962), No. 1, p. 47
Single Convention, No. 2, p. 6, 25

Codeine
Codeine to Morphine Ratio of Illicit Heroin Hydrolysates, No. 1, p. *43-44*
Comparison of addictiveness with I-D-20, No. 1, p. 28
Detection tests
— Iran Laboratory, No. 2, p. 29
— Pupillary test, No. 1, p. 31
Estimated world requirements, No. 1, p. 51
Opium origin
— PCOB Report (1962), No. 1, p. 45

Codeine-N-oxide
Estimated world requirements, No. 1, p. 51

Coffee
Possible substitution of opium cultivation, No. 2, p. 42
Preparation of beverage, No. 3-4, p. 7

Coffea arabica
Plant containing caffeine, No. 3-4, p. 7

Cola acuminata
Plant containing caffeine, No. 3-4, p. 7

Coloane
Island of Macau, No. 1, p. 1

Colombia
Coca leaf
— PCOB Report (1962), No. 1, p. 46
— Single Convention, No. 2, p. 25
Inter-American Consultative Group meeting, No. 2, p. 47, 49
Marihuana, No. 2, p. 49

Commission on Narcotic Drugs
Eighteenth Session of the Commission on Narcotic Drugs and Thirty-sixth Session of the Economic and Social Council, No. 3-4, p. *39-42*
1st and 6th sessions, No. 2, p. 17
14th session, No. 2, p. 47
18th session, No. 3-4, p. 1
Single Convention of 1961, No. 2, p. 13, 17, 25

Commissions
City and County Planning Commission, Pittsburgh, No. 2, p. 2
Commission of Enquiry into the control of opium-smoking in the Far East, No. 2, p. 13, 14
Commission on Toxic Substances of the National Academy of Medicine, France, No. 3-4, p. 4
International Opium Commission, Shanghai, No. 2, p. 2
National Narcotics Control Commission, Brazil, No. 2, p. 47, 51
Tax Commission, Pittsburg, No. 2, p. 2

Committee, Board
The Meeting of the Inter-American Consultative Group on Narcotics Control, No. 2, p. *47-53* (ill.)
Advisory Committee of the League of Nations on the Traffic in Opium and Other Dangerous Drugs, No. 2, p. 3, 4, 5, 13, 14, 15, 16, 17, No. 3-4, p. 2, 3
Central Committee on Land Settlement for the Hill Tribes, Thailand, No. 2, p. 42, 43
League of Nations' Health Committee, No. 2, p. 4
New York State Legislative Committee on Narcotics Study, No. 3-4, p. 13, 15
Opium Research Committee, No. 2, p. 2

Conceiçao Vieira, da, Samuel
Macau Administering Government Officer, No. 1, p. 2

Conferences
Ad hoc Committee of opium-producing countries, Ankara, No. 2, p. 17
Conference on Legal Medicine, United States, No. 3-4, p. 16
Inter-American Conference on the Illicit Traffic in Coca Leaf and Cocaine, No. 2, p. 48
Opium Smoking Conference, Bangkok, No. 2, p. 4
Plenipotentiary Conference for the adoption of a Single Convention on Narcotic Drugs, No. 2, p. 1, 9
White House Conference on Narcotics, United States, No. 3-4, p. 12

Consumption
Cannabis, No. 2, p. 50, 51, 52
Coca leaf, No. 2, p. 25
1925 Geneva Convention, No. 2, p. 3, 10
Heroin, No. 3-4, p. 1, 3, 4
Opium
— Iran, No. 2, p. 27
— 1953 Protocol, No. 2, p. 18, 20
— Thailand, No. 2, p. 35, 41, 42
Opium Advisory Committee's limitations, No. 2, p. 15, 16, 17
PCOB Report (1962)
— Coca leaf, cannabis, morphine, codeine, cocaine, pethidine, normethadone, methadone, dextromoramide, synthetic drugs, No. 1, p. 46-49
Single Convention, No. 2, p. 23

Control, Limitation
Limitation and control of natural narcotics raw materials, No. 2, p. *13-26*
The Meeting of the Inter-American Consultative Group on Narcotics Control, No. 2, p. *47-53* (ill.)
Commission on Narcotic Drugs (18th session), No. 3-4, p. 39, 40, 41
Distribution of narcotic drugs in the United States, No. 3-4, p. 9
1931 Limitation Convention, No. 2, p. 4
1936 Convention, No. 2, p. 5
Functions of Controlling Authority, No. 2, p. 15, 16
League of Nations, No. 2, p. 3
List of Drugs under International Control — Iran, No. 2, p. 30, 32
Narcotic Control Act of 1956, United States, No. 1, p. 37
PCOB's activities, No. 2, p. 4
Single Convention, No. 2, p. 6, 10, 11
Study of suppressing illicit traffic, No. 1, p. 12, 13
Thailand — opium, No. 2, p. 35, 43, 44

Convention, Single
The United States views on the Single Convention on Narcotic Drugs, No. 2, p. *9-11*

Commission on Narcotic Drugs (18th session), No. 3-4, p. 39, 40, 41
Heroin, No. 3-4, p. 3
Inter-American Consultative Group meeting, No. 2, p. 48
Limitation and control of raw materials and other drugs, No. 2, p. 13, 17-26, No. 3-4, p. 5
New York Conference 1961, No. 2, p. 1
1961 Plenipotentiary Conference, No. 2, p. 6

Convention, Draft Single
Commission on Narcotic Drugs (1st session), No. 2, p. 17

1912 Convention
Commission on Narcotic Drugs (18th session), No. 3-4, p. 41
Establishment of narcotics control, No. 2, p. 2
Raw opium, No. 2, p. 13, 35

1925 Convention
As compared to Single Convention, No. 2, p. 10
Basis for PCOB annual report, No. 1, p. 45
Commission on Narcotic Drugs (18th session), No. 3-4, p. 41
Creation and coming into force, No. 2, p. 3
Raw opium, No. 2, p. 13

1931 Convention
Adoption, No. 2, p. 4
As compared to Single Convention, No. 2, p. 10
Basis for DSB annual statement, No. 1, p. 50
Basis for PCOB annual report, No. 1, p. 45
Coming into force, No. 2, p. 5
Commission on Narcotic Drugs (18th session), No. 3-4, p. 41
Control of diacetylmorphine, No. 3-4, p. 2, 3, 4
Limitation of production of raw materials, No. 2, p. 15, 18
Placement of new narcotic drugs under international control, No. 2, p. 55

1936 Convention
Establishment of penalty provisions, No. 2, p. 5

Cornell University
Herbert L. May's education, No. 2, p. 2

Cotta Guerra, A.; Sigismundo Reves &
The centre for treatment and rehabilitation of narcotic addicts in Macau, No. 1, p. *1-10* (ill.)
Clinical Director of the Centre, No. 1, p. 6

Council (Economic and Social Council)
Thirty-sixth Session, No. 3-4, p. *39-42*

Cuba
Inter-American Consultative Group meeting, No. 2, p. 47, 49

Cultivation
Cannabis, No. 1, p. 15, No. 2, p. 13
Inter-American Consultative Group, No. 2, p. 49, 50
Opium poppy, coca bush
— Inter-American Consultative Group, No. 2, p. 49
— League of Nations' resolution, No. 2, p. 14
— Opium Advisory Committee's resolution, No. 2, p. 15
— Prohibition in Iran, No. 2, p. 27, 32
— 1953 Protocol, No. 2, p. 20
— State monopoly, No. 2, p. 18
— Thailand, No. 2, p. 39, 40, 41, 42
Single Convention, No. 2, p. 22
— Coca leaf, cannabis, No. 2, p. 24, 25, 26
— Opium poppy, coca bush, No. 2, p. 6, 13

Cults
Cannabis as religious inspiration, No. 1, p. 20

Curran, R. E.
Chairman of the Committee on Illicit Traffic, No. 3-4, p. 39
Vice-Chairman of the Inter-American Consultative Group meeting, No. 2, p. 47, 49

Czapek-Agar
Medium for reproduction of fungi, No. 1, p. 35

Czechoslovakia
PCOB Report (1962)
— Morphine, codeine, No. 1, p. 46

D

Dadgar, M.
Rapporteur of the Commission on Narcotic Drugs (18th session), No. 3-4, p. 39

Dagga, *see also Cannabis sativa*
Psychosis, No. 1, p. 18

Deneau, G. A. & Seevers, M. H.
Physical dependence of I-C-26 and I-D-20, No. 1, p. 25

Department of Public Welfare of the Ministry of Interior, Thailand
Opium problem, No. 2, p. 42

Desomorphine
Estimated world requirements, No. 1, p. 51
Single Convention, No. 3-4, p. 3, 5

Dextro-3-Dimethylamino-1,1-diphenylbutyl ethyl sulfone hydrochloride, *see* I-C-26

Dextromoramide
Estimated world requirements, No. 1, p. 51
PCOB Report (1962), No. 1, p. 48

Diacetylmorphine, *see* Heroin

Diamorphine, *see* Heroin

Diethylthiambutene, *see also* Synthetic drugs
Estimated world requirements, No. 1, p. 51

Dihydrocodeine
Estimated world requirements, No. 1, p. 51

Dihydrocodeinone
Derivative of codeine, No. 1, p. 31

Dihydromorphine
Estimated world requirements, No. 1, p. 51

Dimepheptanol
Estimated world requirements, No. 1, p. 51

Dimethylthiambutene, *see also* Synthetic drugs
Estimated world requirements, No. 1, p. 51

Dionine
Detection test in Iran, No. 2, p. 29

Dioxaphetyl butyrate, *see also* Synthetic drugs
Estimated world requirements, No. 1, p. 51

Diphenoxylate, *see also* Synthetic drugs
Estimated world requirements, No. 1, p. 51

Dipipanone, *see also* Synthetic drugs
Chemical identification, No. 3-4, p. 20, 21, 23, 24, 25, 26, 28, 29, 32, 35, 37, 38
Estimated world requirements, No. 1, p. 51

Director of Health and Welfare, Macau
Authority responsible for drug control, No. 1, p. 1

Doi Inthanon
Highest peak of Thailand, No. 2, p. 35

Dope
In connection with I-D-20, No. 1, p. 26

Drug Addiction Control Board
Authority in charge of narcotic problems, Macau, No. 1, p. 1
Creation, No. 1, p. 3

Drug Supervisory Body (DSB)
Estimated world requirements (1963), No. 1, p. *50-51*
Commission on Narcotic Drugs (18th session), No. 3-4, p. 39, 40
1931 Convention, No. 3-4, p. 3
Decio Parreiras, No. 2, p. 47
Establishment and continuation of its activities, No. 2, p. 5
Limitation of production of raw materials, No. 2, p. 15
1953 Protocol, No. 2, p. 20
Single Convention, No. 2, p. 10, 24

E

Ecgonine
Estimated world requirements, No. 1, p. 51

Ecgonine methyl ester
Estimated world requirements, No. 1, p. 51

Ecuador
Coca leaf, No. 2, p. 25
Inter-American Consultative Group meeting, No. 2, p. 47, 49
Opium, No. 2, p. 49

Eddy, N. B.
Study on addiction liability of heroin, No. 3-4, p. 2

Eddy, N. B., Halbach, H. & Braenden, O. J.
Studies on addiction liability of heroin, No. 3-4, p. 1

Eddy, B. B. & Howes, H. A.
Pharmacology of heroin, No. 1, p. 37

Eddy, N., Rev.
Community leader in the field of narcotic addiction in the United States, No. 3-4, p. 12, 13

Egypt, *see* United Arab Republic

Elliott, Henry W.; Norman Nomof; Thomas Fields; E. Leong Way &
Comparison of Chemical Tests with the Pupillary Method for the Diagnosis of Narcotic Use, No. 1, p. *29-33*

Elturar, Hikmet & Mustafa Igneciler
Species of Fungi isolated from Samples of Opium from ten different regions, No. 1, p. *35-36*

Embargo
1925 and 1931 Convention, No. 2, p. 10
1953 Protocol, No. 2, p. 21
Single Convention, No. 2, p. 10

Ethanol
Chemical identification of narcotics, No. 3-4, p. 19, 28
Heroin analysis, No. 1, p. 41
Test for detection of morphine and opium, No. 2, p. 28, 29, 31
Ethoheptazine
Chemical identification, No. 3-4, p. 19, 20, 21, 22, 23, 24, 25, 26, 28, 29, 31, 34, 37, 38
Ethyl 1-(2-carbamylethyl)-4-phenylpiperidine-4-carboxylate hydrochloride, *see* I-D-20
Ethylmethylthiambutene
Estimated world requirements, No. 1, p. 51
Ethylmorphine
Estimated world requirements, No. 1, p. 51
PCOB Report (1962), No. 1, p. 46
Etoxeridine, *see also* Synthetic drugs
Estimated world requirements, No. 1, p. 51
Expert Committee on Addiction-producing Drugs, *see* WHO-APD (Expert Committee on)
Export
Coca leaf, No. 1, p. 50
1925 Geneva Convention, No. 2, p. 3
Heroin, No. 3-4, p. 2, 3
Macau, No. 1, p. 1
Opium, poppy plant and poppy straw
— Iran, No. 2, p. 27
— Monopoly, No. 2, p. 17, 18
— 1953 Protocol, No. 2, p. 20, 22
— Single Convention, No. 2, p. 24
Opium Advisory Committee's limitations, No. 2, p. 15, 16, 17
Single Convention, No. 2, p. 9, 10, 11

F

Farmilo, Charles G.; L. Martin; K. Genest; J. A. R. Cloutier &
Physico-chemical methods for the identification of narcotics (contd.)
Part VI — Common physical constants, UV, IR and X-Ray data for 12 narcotics and related compounds, No. 3-4, p. *17-38*
Ferrari, A. J.
Executive Secretary of the Inter-American Consultative Group meeting, No. 2, p. 47
Fialho, E.
Resident medical adviser to the Centre in Macau, No. 1, p. 6
Fields, Thomas; Henry W. Elliott; Norman Nomof; E. Leong Way &
Comparison of Chemical Tests with the Pupillary Method for the Diagnosis of Narcotic Use, No. 1, p. *29-33*
Fischer, H.
Use of heroin in therapeutics, No. 3-4, p. 4
Food and Agriculture Organization (FAO)
Consultative Group on Coca-Leaf Problems in Latin America, No. 3-4, p. 40
Foreign Policy Association, United States
Board of directors, No. 2, p. 5
International control of opium, No. 2, p. 3
Formosa, *see* China
France
Heroin
— Comparison studies with morphine, No. 3-4, p. 2
— Exports, No. 3-4, p. 3
— Use in therapeutics, No. 3-4, p. 3, 4, 5
PCOB Report (1962), No. 1, p. 46, 47, 48
Fraser, H. F., Van Horn, G. D. & Isbell, H.
Considerations on pupillary method, No. 1, p. 29
Fraser, H. F., Van Horn, G. D., Martin, W. R., Wolbach, A. B. & Isbell, H.
Methods for evaluating addiction liability, No. 3-4, p. 1
Fraser, H. F.; A. B. Wolbach, Jr. &
Addiction Liability of I-C-26 (Dextro-3-Dimethylamino-1,1-diphenylbutyl ethyl sulfone hydrochloride) and I-D-20 (Ethyl 1-(2-Carbamethyl)-4-phenylpiperidine-4-carboxylate hydrochloride), No. 1, p. *25-28*
Freedman, H. L. & Rockmore, M. J.
Considerations on cannabis addiction, No. 1, p. 17
Psychological effects of cannabis users, No. 1, p. 18
Fuchs, L.
Obituary, No. 3-4, p. 43
Fujimoto, J. M., Way, E. Leong & Hine
Chemical tests for detection of morphine and heroin, No. 1, p. 29, 30
Fungi
Species of fungi isolated from samples of opium from ten different regions, No. 1, p. *35-36*
Furethidine
Estimated world requirements, No. 1, p. 51

G

Ganja, *see also Cannabis sativa*
Smoking effects, No. 1, p. 15
General Administration for the Control of Narcotics, Iran
Department of Ministry of Health, No. 2, p. 27, 30
Genest, K.; J. A. R. Cloutier; Charles G. Farmilo; L. Martin &
Physico-chemical methods for the identification of narcotics (contd.)
Part VI — Common physical constants, UV, IR and X-Ray data for 12 narcotics and related compounds, No. 3-4, p. *17-38*
German Democratic Republic
PCOB Report (1962)
— Codeine, No. 1, p. 46
Germany, Federal Republic of
PCOB Report (1962)
— Morphine, codeine, pethidine, normethadone, dextromoramide, No. 1, p. 46, 47, 48
Goldbaum, L. R.
Study on toxicology, No. 3-4, p. 20
Goldbaum, L. R. & Kazyak, L.
Morphine tests, No. 1, p. 30, 31
Greece
Commission on Narcotic Drugs (18th session), No. 3-4, p. 40
Opium
— Production, No. 2, p. 33
— 1953 Protocol, No. 2, p. 18, 24
Greenfield, H.
President of PCOB, 1961, No. 2, p. 1

H

Habituation, *see also* Tolerance
Cannabis, No. 1, p. 15, 16, 17, 19
Cure, No. 3-4, p. 11, 13
Definition, No. 1, p. 17
Hanawalt, J. D.
Chemical identification of narcotics, No. 3-4, p. 21
Harmonine
Japanese - made tranquillizer, No. 1, p. 7
Hashish, *see also Cannabis sativa*
Study of the pharmacology of hashish, No. 3-4, p. *7-8*
Produced in Lebanon, No. 1, p. 17
Haw
Hill population in Thailand, No. 2, p. 36, 37
Language, No. 2, p. 38
Hazard, R.
Study on addiction liability of heroin and morphine, No. 3-4, p. 2
Hemp, *see* Cannabis
Hernandes Ode, Sergio
Chilean representative at Inter-American Consultative Group meeting, No. 2, p. 49
Heroin
Codeine to Morphine Ratio of Illicit Heroin Hydrolysates, No. 1, p. *43-44*
Some Modern Aspects of Heroin Analysis, No. 1, p. *37-42*
The use of diamorphine (heroin) in therapeutics, No. 3-4, p. *1-5*
Addiction, Hong Kong, No. 1, p. 11
Commission on Narcotic Drugs (18th session), No. 3-4, p. 41
Detection tests
— Iran Laboratory, No. 2, p. 29, 32
— Paper chromatography, No. 1, p. 32
— Pupillary method, No. 1, p. 29
Estimated world requirements, No. 1, p. 51, No. 3-4, p. 3
Illicit manufacture, No. 1, p. 42
Inter-American Consultative Group meeting, No. 2, p. 49, 50
Macau
— Addiction, No. 1, p. 1, 2
— Clandestine manufacture, No. 1, p. 1
PCOB Report (1962), No. 1, p. 47
Recommendation on limitation of poppy, No. 2, p. 14
Single Convention, No. 2, p. 6, No. 3-4, p. 3
United States, No. 3-4, p. 14
Hexamethyleneimine
Chemical identification of ethoheptazine, No. 3-4, p. 25
Holmes, J.
Jurist, No. 3-4, p. 12
Home for Beggars and Vagrants, Macau
Sort of annex to Social Rehabilitation Centre, No. 1, p. 4, 6
Honduras
Participation in the Inter-American Consultative Group meeting, No. 2, p. 47
Hong Kong, the Crown Colony of
Heroin addiction, No. 1, p. 11, 37
Hopson, J. V.
Co-operation to heroin analysis, No. 1, p. 42
Hospitals
Asfuriyeh mental hospital, Lebanon, No. 1, p. 18

Castañeda Hospital, Mexico, No. 2, p. 50
Heitor Carrillo Court Mental Hospital, No. 2, p. 51
Hospitals of the *Assistance publique*, Paris, No. 3-4, p. 4
Macau
— Conde S. Januario Hospital, No. 1, p. 2
— General Hospital, No. 1, p. 7
Pretoria mental hospital, No. 1, p. 16
United States
— Lexington (Kentucky) hospital, No. 3-4, p. 1
— U.S. Public Health Service, No. 3-4, p. 9, 10, 13

Howell Moorhead, Mrs.
Common activities with Herbert L. May, No. 2, p. 2

Hungary
PCOB Report (1962)
— Morphine, No. 1, p. 46

Hydrocodone
Estimated world requirements, No. 1, p. 51

Hydromorphinal
Estimated world requirements, No. 1, p. 51.

Hydromorphone
Estimated world requirements, No. 1, p. 51

Hydroxylamine hydrochloride
Analysis of heroin, No. 1, p. 37, 40, 41

I

I-C-26
(Dextro-3-dimethylamino-1,1-diphenylbutyl ethyl sulfone hydrochloride), derivative of methadone, No. 1, p. 25
Addiction liability, No. 1, p. *25-28*
Method of detection of addictiveness, No. 1, p. 26

I-D-20
(Ethyl 1-(2-carbamylethyl)-4-phenylpiperidine-4-carboxylate hydrochloride), derivative of pethidine, No. 1, p. 25
Addiction liability, No. 1, p. *25-28*
Method of detection of addictiveness, No. 1, p. 26, 27

Identification
Physico-chemical methods for the identification of narcotics (contd.) Part VI — Common physical constants, UV, IR and X-Ray data for 12 narcotics and related compounds, No. 3-4, p. *17-38*
Morphine, No. 1, p. 29, 30, 31

Igneciler, Mustafa; Hikmet Elturar &
Species of Fungi isolated from Samples of Opium from ten different regions, No. 1, p. *35-36*

Ilex paraguayensis
Plant containing caffeine, No. 3-4, p. 7

Illicit traffic
Closely related to drug addiction, No. 3-4, p. 9, 11, 14
Coca leaf and cocaine, No. 2, p. 47, 48, 49
Commission on Narcotic Drugs (18th session)
— Cocaine, No. 3-4, p. 39, 42
— Opium, morphine and heroin, No. 3-4, p. 41
— Resolution for the Far East, No. 3-4, p. 41
Committee on Illicit Traffic, No. 3-4, p. 39, 41
1931 Limitation Convention, No. 2, p. 4
Heroin, No. 1, p. 43
Inter-American Consultative Group meeting, No. 2, p. 47, 48, 49, 50, 52
Iran, No. 2, p. 32, 33
Macau, No. 1, p. 1, 2
Manufactured narcotics in the 1920's, No. 2, p. 3
Opium
— Measures of repression, No. 2, p. 35
— Thailand, No. 2, p. 41
Raw materials, No. 2, p. 13, 14, 19, 20
Single Convention, No. 2, p. 10, 11, 22, 23

Import
Coca leaf, No. 2, p. 49
1925 Geneva Convention, No. 2, p. 3, 10
1931 Limitation Convention, No. 2, p. 4
Macau, No. 1, p. 1
Opium, poppy plant and poppy straw
— Monopoly, No. 2, p. 17, 18
— 1953 Protocol, No. 2, p. 20, 22
— Single Convention, No. 2, p. 24
Opium Advisory Committee's Limitations, No. 2, p. 15, 16, 17
Single Convention, No. 2, p. 9, 10, 11

India
Cannabis
— Ganja, charas, bhang consumption, No. 1, p. 15, 17
— Single Convention, No. 2, p. 26
— Social and religious aspects of consumption, No. 1, p. 19, 20, 21
Opium, No. 2, p. 33
PCOB Report (1962), No. 1, p. 45, 46
1953 Protocol, No. 2, p. 18, 24

Indonesia
Coca leaf
— PCOB Report (1962), No. 1, p. 46
— Single Convention, No. 2, p. 25

Institute of Forensic Medicine, Brazil
Inter-American Consultative Group meeting, No. 2, p. 47

Inter-American Conference on the Illicit Traffic in Coca Leaf and Cocaine, *see* Conferences

Internal Revenue Service, United States
U.S. Treasury Department, No. 2, p. 31

International Court of Justice, The Hague
Provisions of the 1953 Protocol, No. 2, p. 21

International Labour Organisation (ILO)
Meeting of Consultative Group on Coca Leaf Problems in Latin America, No. 3-4, p. 40

International Narcotics Control Board
Single Convention, No. 2, p. 24

Interpol (International Criminal Police Organization)
Commission on Narcotic Drugs (18th session), No. 3-4, p. 40
Inter-American Consultative Group meeting, No. 2, p. 48

Intoxication
Addiction to alcohol, barbiturates or other drugs, No. 3-4, p. 9
Cannabis, No. 1, p. 15, 20

Iran
Public health laboratory in the fight against narcotic addiction in Iran, No. 2, p. *27-34*
Commission on Narcotic Drugs (18th session), No. 3-4, p. 40
Opium producing and exporting, No. 2, p. 14, 27
1953 Protocol, No. 2, p. 18, 24

Isomethadone, *see also* Synthetic drugs
Estimated world requirements, No. 1, p. 51

Italy
PCOB Report (1962)
— Dextromoramide, No. 1, p. 48

J

Jamaica
Cannabis
— Measures of control, No. 1, p. 20
— Problems of habituation, No. 1, p. 15

Japan
Middle East Technical Mission on Narcotics Control, No. 3-4, p. 40
PCOB Report (1962)
— Morphine, No. 1, p. 46
— Opium, No. 1, p. 45

Joachimoglu, G. & C. Miras
Study of the pharmacology of hashish, No. 3-4, p. *7-8*

Joi
Standard weight unit for opium in Thailand, No. 2, p. 41

K

Karaca, I.
Docent of the Chair of Plant Protection of the Faculty of Agriculture, Ankara, No. 1, p. 35

Karen
Hill population in Thailand, No. 2, p. 36, 38, 39, 41

Kaune Arteaga, Federico
Bolivian representative at Inter-American Consultative Group meeting, No. 2, p. 49

Ketobemidone, *see also* Synthetic drugs
Estimated world requirements, No. 1, p. 51
Single Convention, No. 3-4, p. 3, 5
Toxicology, No. 3-4, p. 18

Kha Mu
Hill population in Thailand, No. 2, p. 36, 38, 39, 41

Khat (*catha edulis*)
Bibliography, No. 3-4, p. 67, 68
Single Convention, No. 3-4, p. 5

Kif, *see Cannabis sativa*

Korea
Heroin, No. 1, p. 43

Kshatriya, warrior castes of India
Non-consumers of cannabis, No. 1, p. 19

L

La Barre, J. & Plisnier, H.
Study of antitussive properties of heroin, No. 3-4, p. 4

Laboratory
Public health laboratory in the fight against narcotic addiction in Iran, No. 2, p. *27-34*
Baltimore Customs Laboratory, No. 1, p. 42
Central Public Health Laboratory, Iran, No. 2, p. 28, 30, 32, 33, 34

Food and Drug Directorate laboratories, Canada, No. 2, p. 32
Laboratory for Forensic Medicine, No. 3-4, p. 8
National Health Laboratory, Tokyo, No. 1, p. 35
Research laboratories of the University Clinic for Therapy, No. 3-4, p. 8
United Nations Laboratory, No. 2, p. 32, No. 3-4, p. 41

Lahu
Hill population in Thailand, No. 2, p. 36, 37, 38, 39, 41, 43

Lampang
Province of Thailand, No. 2, p. 36, 42

Law enforcement
1936 Convention, No. 2, p. 5
Iran, No. 2, p. 27
Macau, No. 1, p. 7
Thailand, No. 2, p. 42, 43
United States
— Death penalty for heroin sellers, No. 1, p. 37
— Drug addiction problems, No. 1, p. 12, No. 3-4, p. 11, 12, 13, 14, 15
— Penalty for physician addicts, No. 1, p. 12

Lawa
Hill population in Thailand, No. 2, p. 36, 38, 39

League of Nations
Assembly resolution, No. 2, p. 14
Control of narcotic drugs, No. 2, p. 3, 14, 15, 16, 17

League of Nations Central Bureau in the Far East for Opium-smoking Affairs
Establishment as suggested by Commission of Enquiry into the control of opium-smoking in the Far East, No. 2, p. 14

Lebanon
Production of hashish, No. 1, p. 17

Legislation
Medicine and law in the treatment of drug addiction, No. 3-4, p. *9-16*
France
— Control of narcotic drugs, No. 3-4, p. 4
Iran
— Act of Parliament, No. 2, p. 27, 28
— Anti-Opium Act, No. 2, p. 28
— Smugglers' Penal Act, No. 2, p. 27
Promulgation of ordinances in Macau, No. 1, p. 2, 3, 4
Thailand
— Government's action concerning opium, No. 2, p. 35
United States
— Drug addiction, a crime ? No. 3-4, p. 14
— Medical aspects, No. 3-4, p. 12

Lerner, Melvin & Albert Mills
Some modern aspects of Heroin analysis, No. 1, p. *37-42*

Lerner, R. M.
Co-operation to heroin analysis, No. 1, p. 42

Levallorphan
Chemical identification, No. 3-4, p. 19, 20, 21, 22, 23, 24, 27, 28, 29, 33, 36, 37, 38
Detection of narcotic use, No. 1, p. 29

Levomethorphan
Estimated world requirements, No. 1, p. 51

Levomoramide
Chemical identification, No. 3-4, p. 20, 21, 23, 24, 25, 26, 28, 29, 30, 34, 37, 38
Estimated world requirements, No. 1, p. 51
PCOB Report (1962), No. 1, p. 48

Levorphanol, *see also* Synthetic drugs
Estimated world requirements, No. 1, p. 51

Limitation, *see* Control

Lisu
Hill population in Thailand, No. 2, p. 36, 37, 38, 39, 41, 43

Lloyd, H. A., Fales, H. M., Highet, P. F., Vanden-Heuvel, W. J. A. & Wildman, W. C.
Gas chromatography method, No. 1, p. 41

Lowry, James V. & Earle V. Simrell
Medicine and law in the treatment of drug addiction, No. 3-4, p. *9-16*

M

Mabileau, J.
Chairman of the Commission on Narcotic Drugs (18th session), No. 3-4, p. 1, 39

Macau
The Centre for treatment and rehabilitation of narcotic addicts in Macau, No. 1, p. *1-10* (ill.)
Narcotics situation, No. 1, p. 1
Population, No. 1, p. 1

MacDonald, J. G.
President of the Foreign Policy Association, Pittsburgh, No. 2, p. 2

Maconha, *see* Cannabis

Ma jen, *see Cannabis sativa*

Mallo Lacerda, de, A. H.
Report to the Inter-American Consultative Group meeting, No. 2, p. 52

Mannering, G. J., Dixon, A. C., Carroll, N. V. & Cope, O. B.
Morphine
— Test by paper chromatography, No. 1, p. 30
— Detection test on addicts, No. 2, p. 28

Manufacture
Barbiturates, No. 1, p. 12
1925 Geneva Convention, No. 2, p. 3, 10
1931 Limitation Convention, No. 2, p. 4, No. 3-4, p. 2, 3
Heroin, No. 3-4, p. 2, 3
Inter-American Consultative Group meeting, No. 2, p. 50
Macau
— Morphine and heroin, No. 1, p. 1
— Illicit, No. 1, p. 1
Opium
— Iran, No. 2, p. 27
— League of Nations' resolution, No. 2, p. 14
— Limitation, No. 2, p. 16, 18, 19, 20
— PCOB, world statistics, No. 2, p. 19
— Single Convention, No. 2, p. 9, 23, 24
— State monopoly, No. 2, p. 18
— Thailand, No. 2, p. 43
PCOB Report (1962)
— Raw opium, morphine, coca leaf, codeine, ethylmorphine, heroin, pethidine, trimeperidine, normethadone, methadone, racemoramide, dextromoramide, synthetic drugs, No. 1, p. 45-49

Marcovitz, E.
Considerations on cannabis effects, No. 1, p. 16, 17

Mariajuana, *see Cannabis sativa*

Marihuana, *see also Cannabis sativa*
Smoking effects, No. 1, p. 15, 17

Marques, Lieutenant-Colonel Jaime Silverio
Governor of Macau, No. 1, p. 3

Martin, W. R. & Fraser, H. F.
Study on morphine and heroin addiction liability, No. 3-4, p. 1, 2

Martin, L., K. Genest, J. A. R. Cloutier & Charles G. Farmilo
Physico-chemical methods for the identification of narcotics (contd.) Part VI — Common physical constants, UV, IR and X-Ray data for 12 narcotics and related compounds, No. 3-4, p. *17-38*

Matsushima, T.
Research on fungi species, No. 1, p. 35, 36

May, Herbert L.
Herbert L. May, No. 2, p. *1-7* (ill.)
Member of the PCOB, No. 1, p. 49, 50

Medical profession
Reporting of drug addicts, No. 3-4, p. 15

Menam
River of Thailand, No. 2, p. 36

Meo
Hill population in Thailand, No. 2, p. 36, 37, 38, 39, 41, 43

Meprobamate
Bibliography, No. 3-4, p. 67, 68

Merchant's Board, Pittsburgh
Herbert L. May's activities, No. 2, p. 2

Metazocine, *see also* Synthetic drugs
Estimated world requirements, No. 1, p. 51

Methadone
Bibliography, No. 3-4, p. *63-64*
Detection
— Pupillary method, No. 1, p. 29
— Test in Iran, No. 2, p. 29
Estimated world requirements, No. 1, p. 51
PCOB Report (1962), No. 1, p. 48
Substitute for treatment of physical dependence, No. 3-4, p. 10
Used for analysis of heroin, No. 1, p. 41

Method, *see also* Test
Comparison of Chemical Tests with the Pupillary Method for the Diagnosis of Narcotic Use, No. 1, p. *29-33*
Physico-chemical methods for the identification of narcotics (contd.) Part VI — Common physical constants, UV, IR and X-Ray data for 12 narcotics and related compounds, No. 3-4, p. *17-38*
Colour test
— Heroin, No. 1, p. 41
— Morphine, No. 1, p. 31
Dissociation constants, non-aqueous titrations, No. 3-4, p. 19
Hashish
— Pharmacology, No. 3-4, p. 7, 8
Henderson-Hasselbach equation, No. 3-4, p. 25
Heroin and morphine
— Pharmacology, No. 1, p. 37
I-C-26 and I-D-20
— Addictiveness, No. 1, p. 25, 26
— Placebo injection, No. 1, p. 26
— Pupillary, No. 1, p. 26

— Single-blind procedure, No. 1, p. 26
— TAS scores (Total Area Scores), No. 1, p. 26, 28
Reproduction of fungi
— Czapek-Agar and Malt-Agar, Thom and Raper, No. 1, p. 35

Metopon
Estimated world requirements, No. 1, p. 51

Mexico
Cannabis consumption, No. 1, p. 19, No. 2, p. 50
Heroin, No. 2, p. 50
Illicit export of narcotics, No. 1, p. 11
Inter-American Consultative Group meeting, No. 2, p. 47, 50
Opium, No. 2, p. 33, 50

Mills, Albert; Melvin Lerner &
Some Modern Aspects of Heroin Analysis, No. 1, p. *37-42*

Miltown
Tranquillizer, No. 1, p. 7

Minas, Steve
United States representative at the Inter-American Consultative Group meeting, No. 2, p. 50

Miras, C.; G. Joachimoglu &
Study of the pharmacology of hashish, No. 3-4, p. *7-8*

3-monoacetylmorphine
Analysis of heroin, No. 1, p. 38, 39, 41, 42
Pharmacology of heroin, No. 1, p. 37

6-monoacetylmorphine
Analysis of heroin, No. 1, p. 38, 41, 42
Pharmacology of heroin, No. 1, p. 37
Preparation of pure hydrochloride, No. 1, p. 37

Monopoly
Cannabis, No. 2, p. 25, 26
Coca, No. 2, p. 50
Opium, No. 2, p. 17, 18, 23, 25

Morocco
Cannabis, No. 1, p. 17, 18, 21

Morphinan
Bibliography, No. 3-4, p. *64*

Morphine
Codeine to Morphine Ratio of Illicit Heroin Hydrolysates, No. 1, p. *43-44*
Addiction in the United States, No. 3-4, p. 9
Bibliography, No. 3-4, p. *50-54, 54-57*
Commission on Narcotic Drugs (18th session), No. 3-4, p. 41
Detection
— Chemical tests, No. 1, p. 29-32, No. 2, p. 28, 29, 31
— Pupillary method, No. 1, p. 31, 32
Estimated world requirements, No. 1, p. 51
Iran laboratory tests, No. 2, p. 30, 31
Macau
— Clandestine manufacture, No. 1, p. 1
— Injected or smoked, No. 1, p. 2
— Withdrawal treatment, No. 1, p. 7
Manufactured from opium and poppy straw
— PCOB Report (1962), No. 1, p. 45
— Recommendation on limitation, No. 2, p. 14, 17, 20
PCOB Report (1962), No. 1, p. 46
Pharmacology, No. 3-4, p. 1, 2, 7
— Heroin, No. 1, p. 37-42
Single Convention, No. 2, p. 6, 24
Used in addiction liability test of I-C-26 and I-D-20, No. 1, p. 25, 26, 27, 28

Morphine-N-oxide
Estimated world requirements, No. 1, p. 51

Murphy, H. B. M.
The Cannabis Habit, No. 1, p. *15-23*

Mydriasis
Pupillary method, No. 1, p. 29

Myrophine
Chemical identification, No. 3-4, p. 19, 20, 21, 24, 27, 28, 29, 30, 33, 36, 37, 38
Commission on Narcotic Drugs (18th session), No. 3-4, p. 41
Regime of control, No. 2, p. 55

N

Nakamura, Georges R. & Tyunosin Ukita
Codeine to Morphine Ratio of Illicit Hydrolysates, No. 1, p. *43-44*

Nalorphine
Its role as antagonist with I-D-20 and I-C-26, No. 1, p. 25
Pupillary method for detection of narcotic use, No. 1, p. 29-32

Nan
River and province of Thailand, No. 2, p. 35, 36

Narcotics Anonymous, United States
Fight against narcotic addiction, No. 3-4, p. 13, 14

Narcotine
Analysis of heroin, No. 1, p. 41

National Academy of Medicine, France
Therapeutic use of heroin, No. 3-4, p. 1

National Health Laboratory, Tokyo
Research on fungi species, No. 1, p. 35

National Playgrounds Association, Pittsburgh
Herbert L. May's education, No. 2, p. 2

Nepal
Opium, No. 2, p. 33

Netherlands
PCOB Report (1962)
— Morphine, pethidine, racemoramide, No. 1, p. 46, 47

Neuroplegics
Withdrawal treatment in Macau, No. 1, p. 7

New York Law School
Herbert L. May's education, No. 2, p. 2

New York Mayor's Committee
Study on cannabis addiction, No. 1, p. 17

New York State Division of Parole
Rehabilitation project, No. 3-4, p. 13

Nicaragua
Participation in Inter-American Consultative Group meeting, No. 2, p. 47

Nicocodine
Commission on Narcotic Drugs (18th session), No. 3-4, p. 41
Estimated world requirements, No. 1, p. 51
Regime of control, No. 2, p. 55

Nicomorphine
Chemical identification, No. 3-4, p. 20, 21, 22, 23, 24, 27, 28, 29, 30, 33, 36, 37, 38
Estimated world requirements, No. 1, p. 51

Nomof, Norman; Thomas Fields; Henry W. Elliott; E. Leong Way &
Comparison of Chemical Tests with the Pupillary Method for the Diagnosis of Narcotic Use, No. 1, p. *29-33*

Normethadone
Chemical identification, No. 3-4, p. 20, 21, 22, 23, 24, 25, 26, 28, 29, 31, 35, 37, 38
Estimated world requirements, No. 1, p. 51
PCOB Report (1962), No. 1, p. 48

Normorphine
Chemical tests for morphine detection, No. 1, p. 30
Estimated world requirements, No. 1, p. 51

O

Oberst, F. W.
Chemical tests for detection of morphine, No. 1, p. 29

Oestreicher, P. M., Farmilo, C. G. & Levi, L.
Chemical detection of heroin samples, No. 1, p. 43

Olszyna-Marzys, A. E.
Public health laboratory in the fight against narcotic addiction in Iran, No. 2, p. *27-34*

Oospora
Fungi species, No. 1, p. 35, 36

Opium, Raw
Species of Fungi isolated from samples of Opium from Ten Different Regions, No. 1, p. *35-36*
The hill tribes of northern Thailand and the opium problem, No. 2, p. *35-45* (ill.)
Addiction in Iran, No. 2, p. 27, 28, 31
Bibliography, No. 3-4, p. *49-50*
Commission on Narcotic Drugs (18th session), No. 3-4, p. 41
1912 and 1925 Convention, No. 2, p. 13
Hong Kong, No. 1, p. 37
Identification and determination of origin, No. 2, p. 31, 32, 33
Inter-American Consultative Group meeting, No. 2, p. 50, 51
Limitations
— Opium Advisory Committee, No. 2, p. 14, 15, 16, 17
— 1953 Protocol, No. 2, p. 18, 20
— Single Convention, No. 2, p. 22, 23, 26
PCOB Report (1962), No. 1, p. 45
Persian name, No. 2, p. 30
Preparations listed as narcotics in Iran, No. 2, p. 31
Processus of preparation, No. 2, p. 40, 41
1953 Protocol, No. 2, p. 18, 20
Single Convention, No. 2, p. 9, 10, 13
Traffic in Thailand, No. 2, p. 42
Withdrawal treatment in Macau, No. 1, p. 7
World production, No. 1, p. 12, 45
World requirements
— Annual statement by Controlling Authority, No. 2, p. 16

Opium alkaloids
Bibliography, No. 3-4, p. *54-57*
1931 Convention, No. 2, p. 4
PCOB Report (1962), No. 1, p. 47
Phenanthrene
— 1931 Convention, No. 2, p. 55
State Monopoly, No. 2, p. 17

Opium poppy
Bibliography, No. 3-4, p. *49-50, 57-58*
Cultivation
— Burma, No. 3-4, p. 40, 41
— Thailand, No. 2, p. 38-42
Inter-American Consultative Group meeting, No. 2, p. 49, 50
PCOB Report (1962), No. 1, p. 45
1953 Protocol, No. 2, p. 21, 22, No. 3-4, p. 39
Recommendation on limitation and cultivation, No. 2, p. 13, 14, 15
Single Convention, No. 2, p. 6, 13, 22, 23, 24

Opium, smoking
China, No. 2, p. 2
1925 Geneva Convention, No. 2, p. 3, 13
Macau, No. 1, p. 1
Opium Smoking Conference, Bangkok, No. 2, p. 4
1953 Protocol, No. 2, p. 22
Processus of preparation, No. 2, p. 41
Report of Herbert L. May, No. 2, p. 3
Two recommendations for the limitation in the Far East, No. 2, p. 13, 14

Opium Traffic Section of the League of Nations Secretariat
1931 Convention, No. 3-4, p. 3

Ordinance, *see* Legislation

Oswaldo Cruz Institute, Brazil
Inter-American Consultative Group meeting, No. 2, p. 47

Oxycodone
Estimated world requirements, No. 1, p. 51

Oxymorphone
Estimated world requirements, No. 1, p. 51

P

Pakistan
Cannabis, No. 2, p. 26
Opium, No. 1, p. 45, No. 2, p. 33

Panama
Growing of marihuana, No. 1, p. 17
Inter-American Consultative Group meeting, No. 2, p. 47, 50

Pan-American Sanitary Bureau
Meeting of Consultative Group on Coca Leaf Problems in Latin America, No. 2, p. 47, No. 3-4, p. 40

Papaverine
Analysis of heroin, No. 1, p. 41
Detection test in Iran, No. 2, p. 29
Opium alkaloids
— Bibliography, No. 3-4, p. 49, 50

Paraguay
Heroin
— Consumption, No. 3-4, p. 3
— PCOB Report (1962), No. 1, p. 47
Inter-American Consultative Group meeting, No. 2, p. 47, 50, 51

Parreiras, D.
The Meeting of the Inter-American Consultative Group on Narcotics Control, No. 2, p. *47-53* (ill.)

Paulinia sorbilis
Plant containing caffeine, No. 3-4, p. 7

Pérez, Heitor
Of the Brazilian Academy of Medicine, No. 2, p. 51

Permanent Central Opium Board (PCOB)
Report for 1962 to the Council, No. 1, p. *45-49*
Commission on Narcotic Drugs (18th session), No. 3-4, p. 39, 40, 42
Council (34th session), No. 2, p. 1
Creation and election, No. 2, p. 3
Decio Parreiras, No. 2, p. 47
Functions, No. 2, p. 3, 20
Herbert L. May as Member and President, No. 2, p. 3, 5, 7
Heroin addiction liability, No. 3-4, p. 3
1953 Protocol, No. 2, p. 19, 20, 21, 24
Resolution VII of the 1953 Opium Conference, No. 2, p. 20
Single Convention, No. 2, p. 10, 23, 24

Pernambuco Filho, Pedro
Brazilian representative at Inter-American Consultative Group meeting, No. 2, p. 50

Peru
Coca leaf and cocaine
— Commission on Narcotic Drugs (18th session), No. 3-4, p. 42
— PCOB Report (1962), No. 1, p. 46
— Single Convention, No. 2, p. 25
Inter-American Consultative Group meeting, No. 2, p. 47, 50, 51, 52

Pethidine
Bibliography, No. 3-4, p. *61-62*
Estimated world requirements, No. 1, p. 51
PCOB Report (1962), No. 1, p. 47
Structural relationship with ethoheptazine, No. 3-4, p. 25

Pethidine, intermediate B
Estimated world requirements, No. 1, p. 51

Pethidine, intermediate C
Commission on Narcotic Drugs (18th session), No. 3-4, p. 41
1948 Protocol, No. 2, p. 55

Pharmacology
Study of the pharmacology of hashish, No. 3-4, p. *7-8*
Heroin, morphine, No. 3-4, p. 1, 2, 4

Pharmacopoeias
Cannabis in India, No. 1, p. 21
Medical use of heroin, No. 3-4, p. 4

Phenadoxone, *see also* Synthetic drugs
Estimated world requirements, No. 1, p. 51

Phenazocine, *see also* Synthetic drugs
Chemical identification, No. 3-4, p. 20, 21, 22, 23, 24, 27, 28, 29, 31, 35, 37, 38
Estimated world requirements, No. 1, p. 51

Phenomorphan
Chemical identification, No. 3-4. p. 20, 21, 22, 23, 24, 27, 28, 29, 31, 35, 37, 38

Phenoperidine, *see also* Synthetic drugs
Estimated world requirements, No. 1, p. 51

Philippines
Opium, No. 2, p. 2

Pholcodine
Chemical identification, No. 3-4, p. 19, 20, 23, 24, 27, 28, 29, 30, 33, 36, 37, 38
Estimated world requirements, No. 1, p. 51

Physical dependence
Cannabis, No. 1, p. 17, 19, 21
Opiate and synthetic drugs, No. 3-4, p. 9
Study on capacity with I-C-26 and I-D-20, No. 1, p. 25
Treatment, No. 3-4, p. 10, 12

Pimenta Bueno, Wagner
Chairman of the Inter-American Consultative Group meeting, No. 2, p. 47

Piminodine, *see also* Synthetic drugs
Chemical identification, No. 3-4, p. 20, 21, 22, 23, 24, 25, 26, 28, 29, 30, 31, 34, 37, 38
Estimated world requirements, No. 1, p. 51

Ping
River of Thailand, No. 2, p. 35

Pinto Cardoso, Manuel
Director of Macau Centre, No. 1, p. 6

Poland
PCOB Report (1962)
— Morphine and codeine, No. 1, p. 46

Porot, A.
Study on cannabis, No. 1, p. 18, 20

Portugal
Heroin
— Consumption, No. 3-4, p. 3
— PCOB Report (1962), No. 1, p. 47

Potassium hydroxide
Used in chemical test for detection of narcotic use, No. 1, p. 30

Prescriptions
Illegal, No. 1, p. 12
Problems in the United States, No. 3-4, p. 11

Propaganda
Control of opium-smoking in Far East, No. 2, p. 14
Macau
— Fund raising and anti-narcotics campaign, No. 1, p. 4, 5, 10
— Monthly report, No. 1, p. 5
Mexico, No. 2, p. 50

Propanol
Chemical identification of narcotics, No. 3-4, p. 19

Properidine, *see also* Synthetic drugs
Estimated world requirements, No. 1, p. 51

Propoxyphene
Chemical identification, No. 3-4, p. 20, 21, 22, 24, 25, 26, 28, 29, 31, 34, 37, 38

d-propoxyphene
Comparison of addictiveness with I-D-20, No. 1, p. 28

1948 Protocol
Adoption, No. 2, p. 6
Basis for DSB annual statement, No. 1, p. 50
Basis for PCOB's annual report, No. 1, p. 45
Commission on Narcotic Drugs (18th session), No. 3-4, p. 41
Placement of new narcotic drugs under international control, No. 2, p. 55

1953 Protocol
Adoption, No. 2, p. 6
Coming into force, No. 2, p. 18
Commission on Narcotic Drugs (18th session), No. 3-4, p. 39, 41
Control of opium, No. 2, p. 9, 18, 19, 20
Ratification, No. 2, p. 9, 22
Single Convention, No. 2, p. 10, 22, 24

Public Security Police, Macau, *see* Centre and Propaganda

Pupillary method for diagnosis of narcotic use, *see* Tests

Pyridine
Chemical identification of nicomorphine, No. 3-4, p. 30

Q

Quinine
Used to trace illicit manufacture of heroin, No. 1, p. 42

Quinn, Wm. F.
Narcotic Addiction in Physicians; medical and legal aspect of rehabilitation, No. 1, p. *11-13*

Quintela, Ruben
Inter-American Consultative Group meeting, No. 2, p. 51

Quintero, José
Colombian representative at the Inter-American Consultative Group meeting, No. 2, p. 49

R

Racemoramide
Estimated world requirements, No. 1, p. 51
PCOB Report (1962), No. 1, p. 48

Racemorphan, *see also* Synthetic drugs
Estimated world requirements, No. 1, p. 51

Radji, A. H.
Minister of Health in 1959 in Iran, No. 2, p. 27

Rai
Measure of land in Thailand, No. 2, p. 41

Ras Tafari movement
Control of cannabis habit in Jamaica, No. 1, p. 20

Raw materials
Limitation and control of natural narcotics raw materials, No. 2, p. *13-26*

Reales Orozco et al.
Cannabis psychosis, No. 1, p. 18

Reefers, *see Cannabis sativa*

Rehabilitation, *see also* Treatment
Narcotic Addiction in physicians; medical and legal aspects of rehabilitation, No. 1, p. *11-13*
Inter-American Consultative Group meeting, No. 2, p. 50
Legal aspects, No. 1, p. 13
Medical aspects, No. 1, p. 12
Physician addicts, No. 1, p. 12
Thailand, No. 2, p. 35
United States, No. 3-4, p. 10, 11, 12, 13, 14, 15

Relatorio, *see* Propaganda

Renborg, B. A.
Limitation and control of natural narcotics raw materials, No. 2, p. *13-26*

Resolutions
Council
— 159 II C (VII), 246 F (IX) and 548 D (XVIII), No. 2, p. 32
— 914 D (XXXIV), No. 3-4, p. 40
General Assembly 1395 (XIV), No. 2, p. 47, No. 3-4, p. 40
Inter-American Consultative Group on Narcotics Control, No. 2, p. 52, 53
League of Nations, No. 2, p. 14
Opium Advisory Committee, No. 2, p. 15
Resolution VI of the 1931 Convention, No. 3-4, p. 3
Resolution VII of the 1953 Opium Conference, No. 2, p. 20

Reves, S. & A. Cotta Guerra
The centre for treatment and rehabilitation of narcotic addicts in Macau, No. 1, p. *1-10* (ill.)

Ribeiro de Andrade, Antonio
Member of São Paulo police, No. 2, p. 51

Roosevelt, Theodore
Initiator of Shanghai International Opium Commission, No. 2, p. 2

Rosenwald, R. J. & Russel, D. H.
Detection of codeine, No. 1, p. 31

Royal Canadian Mounted Police
Illicit traffic problems, No. 2, p. 49

Rumania
PCOB Report (1962)
— Codeine, No. 1, p. 46

S

Saihoo, Patya
The hill tribes of northern Thailand and the opium problem, No. 2, p. *35-45* (ill.)

Salces Espíndola, Camilo
Member of Argentine police, No. 2, p. 49

Saleh, J. S.
Minister of Health in 1955, Iran, No. 2, p. 27

Salween river, Burma, No. 2, p. 35

Saunders, L. & Srivastava, R. S.
Identification of narcotics, No. 3-4, p. 19, 21

Schmidlin-Mészaros, Jolanda
Study on toxicology, No. 3-4, p. 18

Scribner, A.
Winthrop Laboratories, New York, No. 1, p. 25

Sedatives
Withdrawal treatment in Macau, No. 1, p. 7

Seevers, M. H.
Medical perspectives on habituation and addiction, No. 3-4, p. 1, 2, 4

Seizure
Commission on Narcotic Drugs (18th session), No. 3-4, p. 41
1925 Geneva Convention, No. 2, p. 3
Heroin
— Sample analysis, No. 1, p. 37, 41
Narcotic drug legislation, Iran, No. 2, p. 27, 30, 31, 32, 33
Opium, No. 2, p. 51

Sengupta, P. N., Mitra, S. N. & Roy, B. R.
Chromatography detection of opium, No. 2, p. 31

Sentences, *see* Law enforcement

Siam, *see* Thailand

Simrell, Earle V.; James V. Lowry & Medicine and law in the treatment of drug addiction, No. 3-4, p. *9-16*

Single-blind procedure
In connection with I-C-26, No. 1, p. 26

Smuggling
Opium
— Problem in Iran, No. 2, p. 32

Sosa Icaza, Octabio A.
Panamanian representative at Inter-American Consultative Group meeting, No. 2, p. 50

Spain
Commission on Narcotic Drugs (18th session), No. 3-4, p. 40

State of California Anti-Narcotic Testing Programme
Chemical tests for detection of morphine, No. 1, p. 29

State of California Department of Public Health
Pupillary tests for detection of narcotic use, No. 1, p. 32

Statistics
Cannabis addiction, No. 2, p. 51
Coca leaf, No. 2, p. 25
1925 Geneva Convention, No. 2, p. 3
Examination of drug addicts, No. 2, p. 29
Macau Centre for treatment and rehabilitation of narcotic addicts, No. 1, p. 6, 10
Morphine content, No. 2, p. 17
Opium and poppy straw
— PCOB Report (1962), No. 1, p. 45
— PCOB statement, No. 2, p. 19, 20
— 1953 Protocol, No. 2, p. 22
— Single Convention, No. 2, p. 24
Single Convention, No. 2, p. 10, 11
United States drug addiction, No. 3-4, p. 10

Stocks
1925 Geneva Convention, No. 2, p. 3
Opium
— 1953 Protocol, No. 2, p. 18, 19
— State monopoly, No. 2, p. 18
— World, No. 2, p. 19, 20
Regulation by Opium Advisory Committee, No. 2, p. 16

Suicide
Committed by physicians, No. 1, p. 12

Sulfamate
Preparation of pure 3-monoacetylmorphine, No. 1, p. 40

Switzerland
PCOB Report (1962)
— Morphine, No. 1, p. 46

Synhexyl
Synthetic analogue of *Cannabis sativa*, No. 1, p. 15

Synthetic drugs
Bibliography, No. 3-4, p. *60-61*
Iran, No. 2, p. 31
PCOB Report (1962), No. 1, p. 48
1948 Protocol, No. 2, p. 6
Single Convention, No. 2, p. 24, No. 3-4, p. 5

T

Taipa
Island of Macau, No. 1, p. 1, 5

Tak
Province of Thailand, No. 2, p. 41, 42, 43

Tea, *see also Cannabis sativa*
Paraguay tea, No. 3-4, p. 7
Possible substitution of opium cultivation, No. 2, p. 42

Technical assistance
Commission on Narcotic Drugs (18th session)
— Council resolution on Burma, No. 3-4, p. 40
— Council resolution on Latin America meeting, No. 3-4, p. 40
— Middle East Technical Assistance Mission on Narcotics Control, No. 3-4, p. 40
Far East, No. 2, p. 14
Iran, No. 2, p. 28
Rio de Janeiro meeting, No. 2, p. 47

Technical Assistance Committee, No. 3-4, p. 40
United Nations Technical Assistance Board, No. 2, p. 47
United States, No. 3-4, p. 9

Teles, Celso
Director of Narcotics Section of the São Paulo police, No. 2, p. 51

Terry, J. G. & Braumoeller, F. L.
Report on detection of narcotic use, No. 1, p. 29

Tests
Comparison of Chemical Tests with the Pupillary Method for the Diagnosis of Narcotic Use, No. 1, p. *29-33*
Celite, No. 1, p. 43
Crystal test
— Monoacetylmorphine, No. 1, p. 41
Chromatography in Iran Laboratory, No. 2, p. 31
Detection of morphine in addicts' urine, No. 2, p. 28, 29
Double-blind, No. 3-4, p. 2
Ferricyanide reaction, No. 2, p. 28
Gas chromatography
— Codeine, morphine, caffeine, quinine, No. 1, p. 41, 42
Infra-red spectra
— Morphine, heroin and monoacetylmorphine, No. 1, p. 38, 39, 40, 41, 42
— 12 narcotics, No. 3-4, p. 19, 20, 21, 30, 31
Paper chromatography
— Cannabis, No. 1, p. 15
— Heroin samples, No. 1, p. 43
— Morphine and heroin, No. 1, p. 30, 31, 32, 41
Reagents
— Dragendorff, No. 2, p. 32
— Folin-Ciocalteu, No. 1, p. 30
— Frohde, Marquis and Mecke, No. 2, p. 29, 31
— Kieffer, No. 3-4, p. 28
— König, No. 3-4, p. 28
— Wagner, No. 1, p. 41
Rorschach tests, No. 1, p. 16
Ultraviolet method
— Beckman DK-2 spectrophotometer, No. 1, p. 43, No. 3-4, p. 19
— Heroin, No. 1, p. 41
— Morphine, No. 1, p. 31
— Spectrophotometry, No. 1, p. 43, No. 2, p. 31, No. 3-4, p. 19, 20, 22, 23, 25, 30
U.S. Treasury tests, No. 2, p. 31
Whatman No. 1 paper, No. 2, p. 29, 31
X-ray, No. 3-4, p. 19, 21, 37, 38

Tetrahydrocannabinol
Psychopharmacological agent of *Cannabis sativa*, No. 1, p. 15

Thailand
The hill tribes of northern Thailand and the opium problem, No. 2, p. *35-45* (ill.)
Commission on Narcotic Drugs (18th session), No. 3-4, p. 40
Description of hill tribes, No. 2, p. 37
History, No. 2, p. 35

Thebacon
Estimated world requirements, No. 1, p. 51

Thebaine
Estimated world requirements, No. 1, p. 51

Theobroma cacao
Plant containing caffeine, No. 3-4, p. 7

Thom and Raper method
Identification of fungi species, No. 1, p. 35

Tolerance
The Cannabis Habit, No. 1, p. *15-23*
Drug addiction, No. 1, p. 11, No. 3-4, p. 9, 12
I-C-26 and I-D-20 addiction liability tests on non-tolerant addicts, No. 1, p. 25, 26, 27
Syndrome produced by nalorphine, No. 1, p. 29

Toxicity
Heroin, No. 3-4, p. 3

Tranquillizers
Withdrawal treatment in Macau, No. 1, p. 7

Treatment
Medicine and law in the treatment of drug addiction, No. 3-4, p. *9-16*
The Centre for Treatment and Rehabilitation of Narcotic Addicts in Macau, No. 1, p. *1-10* (ill.)
Ambulatory, No. 3-4, p. 12
Civil commitment, No. 3-4, p. 12, 13, 14
Inter-American Consultative Group meeting, No. 2, p. 50
Iran, No. 2, p. 27, 28
Macau
— Diet, No. 1, p. 7, 8 (tables)
— Other institutions, No. 1, p. 7
Psychological aspect for cannabis smokers, No. 1, p. 18
"Synanon" project, No. 3-4, p. 10, 14
Voluntary, No. 3-4, p. 10, 12, 13

Trilafon
Tranquillizer, No. 1, p. 7

Trimeperidine
Estimated world requirements, No. 1, p. 51
PCOB Report (1962), No. 1, p. 47, 48

Trujillo Ledesma, Augusto
Venezuelean representative at Inter-American Consultative Group meeting, No. 2, p. 50

Turkey
Commission on Narcotic Drugs (18th session), No. 3-4, p. 40
Opium
— Production, No. 1, p. 35, No. 2, p. 14, 33
— PCOB Report (1962), No. 1, p. 45
— 1953 Protocol, No. 2, p. 18, 24

U

Ukita, Tyunosin; Georges R. Nakamura & Codeine to Morphine Ratio of Illicit Heroin Hydrolysates, No. 1, p. *43-44*

UNESCO
Meeting of Consultative Group on Coca Leaf Problems in Latin America, No. 3-4, p. 40

USSR
Opium, No. 2, p. 33
PCOB Report (1962)
— Morphine, No. 1, p. 46
— Raw opium, No. 1, p. 45
— Trimeperidine, No. 1, p. 47
1953 Protocol, No. 2, p. 18, 24

United Arab Republic
Commission on Narcotic Drugs (18th session), No. 3-4, p. 40
Harmful use of cannabis, No. 1, p. 21

United Kingdom
Heroin, No. 3-4, p. 3
PCOB Report (1962), No. 1, p. 46, 47

United Nations Information Centre
Participation in the Inter-American Consultative Group meeting, No. 2, p. 47

United States of America
The United States views on the Single Convention on Narcotic Drugs, No. 2, p. *9-11*
Attitude towards 1925 Convention, No. 2, p. 13
California
— Rehabilitation of physician addicts, No. 1, p. 12
Cannabis consumption, No. 1, p. 19, 20
Coca leaf problem, No. 2, p. 25
Drug addiction, No. 1, p. 11, 12, No. 3-4, p. 9-16
Heroin addiction, No. 1, p. 37
Inter-American Consultative Group meeting, No. 2, p. 47, 50
PCOB Report (1962)
— Morphine, codeine, cocaine, pethidine, dextromoramide, No. 1, p. 46, 47, 48

U. S. Army Panama Canal Zone
Delinquency of cannabis users, No. 1, p. 18
Investigation on cannabis psychosis, No. 1, p. 19

U. S. Federal Bureau of Narcotics
Statistics and treatment of addicts, No. 3-4, p. 10, 11

Urigüen Bravo, Daniel
Ecuadorian representative at Inter-American Consultative Group meeting, No. 2, p. 49

Uruguay
Inter-American Consultative Group meeting, No. 2, p. 47

V

Vaille, C.
The use of diamorphine (heroin) in therapeutics, No. 3-4, p. *1-5*

Vaille, C. & Stern, G.
Social aspect of drug addiction, No. 3-4, p. 1
Use of heroin in therapeutics, No. 3-4, p. 4

Velasco Arbodela, Edgar
Colombian representative at Inter-American Consultative Group meeting, No. 2, p. 49

Venezuela
Inter-American Consultative Group meeting, No. 2, p. 47, 50

Vértes, I.
Vice-Chairman of Commission on Narcotic Drugs (18th session), No. 3-4, p. 39

Vocational training
Treatment of drug addicts, No. 3-4, p. 10

W

Wa
Ethnic group of Thailand, No. 2, p. 36

Wang
River of Thailand, No. 2, p. 35

Way, E. Leong & Adler, T. K.
Chemical test for detection of narcotic use, No. 1, p. 32

Way, E. Leong, Henry W. Elliott, Norman Nomof & Thomas Fields
Comparison of Chemical Tests with the Pupillary Method for the Diagnosis of Narcotic Use, No. 1, p. *29-33*

Welsh, L. H.
Preparation of pure 3-monoacetylmorphine, No. 1, p. 40

Whatman Nr. 3 filter paper
Used in chemical test for detection of narcotic use, No. 1, p. 30

White House Conference on Narcotics, No. 1, p. 13

Wikler, A.
Considerations on pupillary method for detection of narcotic use, No. 1, p. 32

Wikler, A., Fraser, H. F. & Isbell, H.
Pupillary method, No. 1, p. 29

Williams, E. G.
Description of one of his subjects using cannabis, No. 1, p. 16

Withdrawal, Abstinence
Addiction liability of morphine and heroin, No. 3-4, p. 2
Cannabis, No. 1, p. 17, 18
" Cold turkey ". No. 3-4, p. 10
First medical care in Macau Centre, No. 1, p. 7, 10
Symptoms, No. 1, p. 12, No. 3-4, p. 9, 10
United States, No. 3-4, p. 11, 12

Wolbach, A. B., Jr. & H. F. Fraser
Addiction liability of I-C-26 (Dextro-3-Dimethylamino-1,1-diphenylbutyl ethyl sulfone hydrochloride) and I-D-20 (Ethyl 1-(2-Carbamethyl)-4-phenylpiperidine-4-carboxylate hydrochloride), No. 1, p. *25-28*

World Council of Teetotaller Union
W.C.T.U., No. 1, p. 11

World Health Organization (WHO)
APD
— Definition of cannabis addiction, No. 1, p. 16, 17
— Proscription of cannabis, No. 1, p. 18
— Use of heroin in therapeutics, No. 3-4, p. 4
— Utility of cannabis in the pharmacopoeia, No. 1, p. 20
Addiction liability of heroin, No. 3-4, p. 2
Control of narcotic drugs, No. 2, p. 55
Meeting of Consultative Group on Coca Leaf Problems in Latin America, No. 3-4, p. 40
Participation in Inter-American Consultative Group meeting, No. 2, p. 47, 48, 51
Study Group on treatment and care of addicts, No. 3-4, p. 16
Technical assistance agreement with Iran, No. 2, p. 28

Wright, A. E.
Act of Parliament, Iran, No. 2, p. 27
Origin of opium, No. 2, p. 33

Wright, C. R. A. & Beckett, G. H.
Pharmacology of heroin, No. 1, p. 37, 40

Y

Yao
Hill population in Thailand, No. 2, p. 36, 37, 38, 39, 41, 43

Yao-Meo-Pateng
Ethnic group of Thailand, No. 2, p. 36

Yom
River of Thailand, No. 2, p. 35

Young, Gordon
Author of " The Hill Tribes of Northern Thailand ", No. 2, p. 37

Yugoslavia
Opium
— Determination of origin, No. 2, p. 32
— PCOB Report (1962), No. 1, p. 45
— Production, No. 2, p. 14
— 1953 Protocol, No. 2, p. 18, 24